

November 2018 UCT Comparative Energy Statistics

Highest
Lowest

OFFICE	
<b>Monthly Electricity Cost</b>	
Student Union Ext. and Otto Beit	R 219 273
Geological Ext. Science Building	R 56 768
Educare and Extension	R 1 988
Isaac Albow Building	R 1 545
<b>Monthly Energy Usage</b>	
Student Union Ext. and Otto Beit	201 550 kWh
Geological Ext. Science Building	52 964 kWh
Educare and Extension	1 320 kWh
Isaac Albow Building	912 kWh
<b>Monthly Energy Usage per Square Meter</b>	
Geological Ext. Science Building	49 kWh/m <sup>2</sup>
Student Union Ext. and Otto Beit	27 kWh/m <sup>2</sup>
Rachel Bloch House	2 kWh/m <sup>2</sup>
Isaac Albow Building	1 kWh/m <sup>2</sup>
<b>Monthly Cost per Square Meter</b>	
Burnage	580 R/m <sup>2</sup>
Isaac Albow Building	377 R/m <sup>2</sup>
Neville Alexander Building	52 R/m <sup>2</sup>
Beattie Block	39 R/m <sup>2</sup>
<b>Monthly "Night" Time Energy Usage</b>	
Bremner Building	98%
Geological Ext. Science Building	96%
Old Administration	45%
Educare and Extension	35%
<b>Change in Month-on-Month Energy</b>	
Student Union Ext. and Otto Beit	0%
Cottage & Glenara	-3%
Rachel Bloch House	-32%
Bremner Building	-36%
<b>Maximum Demand</b>	
Student Union Ext. and Otto Beit	486 kVA
Geological Ext. Science Building	139 kVA
Educare and Extension	7 kVA
Isaac Albow Building	7 kVA
<b>Change in Month-on-Month Maximum Demand</b>	
Isaac Albow Building	14%
Cottage & Glenara	9%
Educare and Extension	-28%
Rachel Bloch House	-30%

LECTURE VENUE	
<b>Monthly Electricity Cost</b>	
Molecular	R 307 490
PD Hahn	R 272 043
School Of Ballet	R 2 744
Lovers Walk Houses	R 704
<b>Monthly Energy Usage</b>	
Molecular	304 187 kWh
PD Hahn	267 361 kWh
Mechanical Engineering	1 929 kWh
Lovers Walk Houses	614 kWh
<b>Monthly Energy Usage per Square Meter</b>	
SLC and Upalong	49 kWh/m <sup>2</sup>
New PC Lab and Beattie	30 kWh/m <sup>2</sup>
Geological Science	1 kWh/m <sup>2</sup>
Mechanical Engineering	0 kWh/m <sup>2</sup>
<b>Monthly Cost per Square Meter</b>	
SLC and Upalong	830 R/m <sup>2</sup>
New PC Lab and Beattie Building	492 R/m <sup>2</sup>
Leslie Social	14 R/m <sup>2</sup>
Zoology	11 R/m <sup>2</sup>
<b>Monthly "Night" Time Energy Usage</b>	
Lovers Walk Houses	207%
School Of Ballet	115%
New Lecture Theatre	57%
School Of Music	35%
<b>Change in Month-on-Month Energy</b>	
Lovers Walk Houses	2%
Mechanical Engineering	0%
School Of Ballet	-32%
Zoology	-87%
<b>Maximum Demand</b>	
Molecular	612 kVA
PD Hahn	535 kVA
School Of Ballet	9 kVA
Lovers Walk Houses	2 kVA
<b>Change in Month-on-Month Maximum Demand</b>	
Mechanical Engineering	22%
Zoology	20%
Maths Block	-34%
New Science Lecture	-79%

RESIDENCE	
<b>Monthly Electricity Cost</b>	
Leo Marquard Hall	R 98 249
Kopano Residence	R 89 052
Baxter Hall	R 31 956
All Africa House	R 15 788
<b>Monthly Energy Usage</b>	
Leo Marquard Hall	83 160 kWh
Kopano Residence	76 592 kWh
Baxter Hall	24 431 kWh
All Africa House	12 687 kWh
<b>Monthly Energy Usage per Square Meter</b>	
Fuller Hall	10 kWh/m <sup>2</sup>
Leo Marquard Hall	09 kWh/m <sup>2</sup>
Baxter Hall	3 kWh/m <sup>2</sup>
All Africa House	3 kWh/m <sup>2</sup>
<b>Monthly Cost per Square Meter</b>	
Fuller Hall	63 R/m <sup>2</sup>
All Africa House	60 R/m <sup>2</sup>
Smuts Hall	32 R/m <sup>2</sup>
Graca Machel	17 R/m <sup>2</sup>
<b>Monthly "Night" Time Energy Usage</b>	
Baxter Hall	114%
Smuts Hall	102%
Tugwell Hall	74%
Leo Marquard Hall	73%
<b>Change in Month-on-Month Energy</b>	
All Africa House	3%
Oppenheimer	-9%
Fuller Hall	-33%
Smuts Hall	-34%
<b>Maximum Demand</b>	
Tugwell Hall	271 kVA
Leo Marquard Hall	267 kVA
Smuts Hall	60 kVA
All Africa House	46 kVA
<b>Change in Month-on-Month Maximum Demand</b>	
All Africa House	13%
Graca Machel	7%
Smuts Hall	-49%
Fuller Hall	-53%